

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Control Unit (Non High-Rise)

LISTEE: Detection Systems, 130 Perinton Parkway, Fairport, NY 14450
Contact: Frank Mioduszewski (716) 223-4060

DESIGN: Models DS9400, DS9400I and DS9400M fire alarm control units. Power limited, local, automatic, manual, noncoded, remote station, central station, waterflow and sprinkler supervisory service. Refer to the listee's data sheet for detailed product description, construction and operational considerations. System components:

DS9400, DS9400I, DS9400M	Control Unit
DS9434	4-Zone Expander
DS9447, DS9436	Keypad
DS9488, DS9488B	Expanded Relay Module
25899	End-of-line Resistor
DS9411	Class A Zone Coverter
DS9414	Class A NAC Module
DS9445, DS9445A	Remote 8-zone LED Annunciator
DS9445A-S2, DS9445A-S8	Remote 8-zone LED Annunciator
DS9484	Remote NAC Expander
DS9431	MUX Expander
DS432	Reversing Relay Module
DS9457, *MX361, *MX361M	Single Zone Multiplex Input Module
DS9460, *MX363	Two Zone Expander
DS9432, DS9432B	Multiplex Expander Module
DS9465, *MX465	Input/Output Multiplex Module
D185	Reverse Polarity Module
DS9441	Remote Keyswitch
DS9446	8-zone LED Annunciator Expander
DS9489, DS9489B	Octal Driver Module

RATING: 120 VAC primary; 24 VDC Secondary

INSTALLATION: In accordance with the listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as fire alarm control unit for use with separately listed compatible initiating and indicating devices. This control unit can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1996 Edition. For **Fire Alarm Verification Feature** (delay of fire alarm), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

XLF: 7165-0801:177

*Rev. 09-22-2002 JEW



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **SEPTEMBER 22, 2002**

*Listing Expires **June 30, 2003***

Authorized By: **DIANE K. AREND, Senior Deputy**
Program Manager